

# **()** PK ASSIST

To increase nutrient use efficiency and soil moisture content



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PK ASSIST® is a versatile soil conditioner and compatibility agent that enhances the performance of liquid fertilizer mixtures. It improves compatibility across a broad range of industry-standard fertilizers, effectively mitigating salting out and precipitation within the solution. PK ASSIST reduces surface tension and induces better soil wetting and nutrient uptake. Research has shown that PK ASSIST can be an effective biofertilizer booster, enhancing nutrient availability and uptake, leading to healthier plants and potentially higher yields. It also supports reduced irrigation needs, making it a valuable tool for sustainable agriculture.



## **FEATURES & BENEFITS**

- Soil conditioner, penetrant, humectant, and mixing compatibility agent.
- Formulated for use in concentrated blends with high-salt or liquid starter fertilizers.
- Ensures optimal performance and compatibility with industry-standard fertilizers.



### MODE OF ACTION

- Safe for use in-furrow with starter fertilizers.
- Maintains soil moisture around seeds and roots.
- Promotes better seedling survival and early crop development.
- Absorbs moisture and captures it in the furrow.
- Increases fertilizer availability and uptake.
- Provides a source of easily available carbon to support natural or inoculated soil microbes.
- Increases carbon dioxide release from soil microbes through microbial respiration.



#### **ADDED VALUE**

- Compatible with industry-standard fertilizers.
- Improves season-long nutrient uptake making more efficient use of soil nutrients.
- Enhances in-furrow chemical applications and soil moisture.
- Boosts soil biology or applied inoculants.
- Leads to healthier plants better suited to withstand stress.
- Results in higher yields.





